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NGC-139/000009-199

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

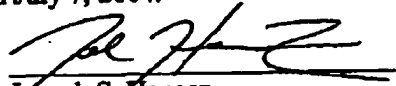
APPLICANTS: Carlson, et al. EXAMINER: Christopher M. Kalivoda

SERIAL NO.: 10/600,985 GROUP: 2881 CONF. NO.: 7136

FILED: 06/20/2003 DOCKET: NGC-139/000009-199

TITLE: POLYMERIC MATERIAL WITH VOIDS THAT COMPRESS TO  
ALLOW THE POLYMERIC MATERIAL TO ABSORB APPLIED  
FORCE AND DECREASE REACTION FORCE TO ONE OR  
MORE SENSOR FIBERS**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being sent via facsimile transmission to Commissioner for Patents, Mail Stop Amendment, Group Art Unit 2881, Attention: Christopher M. Kalivoda, P.O. Box 1450, Alexandria, VA 22313-1450, at fax number (703) 872-9306, on July 7, 2004.

  
Joseph S. Hanasz  
Agent for Applicants  
Reg. No. 54,720

**OFFICIAL****RECEIVED  
CENTRAL FAX CENTER**

Date of Signature: July 7, 2004

JUL 07 2004

Commissioner for Patents  
Mail Stop Amendment  
Group Art Unit 7136  
Attention: Examiner Christopher M. Kalivoda  
P.O. Box 1450

07/27/2004 AJCHN: 00000006 501341 10600985  
Alexandria, VA 22313-1450  
Fax Number (703) 872-9306  
01 FC:1201 86.00 DA  
02 FC:1202 162.00 DA

**RESPONSE TO OFFICE ACTION**

Dear Sir:

This paper is filed in response to the Office Action mailed April 7, 2004 in connection with the above-designated application. A response to the Office Action is due July 7, 2004. Therefore, this Response is timely filed.

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For example, a careful reading of the Office Action's citations to the applied references fails to teach or suggest wherein the plurality of voids comprise a plurality of hollow elastomeric microballons, wherein the plurality of hollow elastomeric microballons comprise thin walls that encapsulate a gas to allow for compression of the plurality of hollow elastomeric microballons, as recited in applicants' dependent claim 32 presented herewith.

In view of the above amendments and remarks, allowance of all claims pending is respectfully requested. If a telephone conference would be of assistance in advancing the prosecution of this application, the Examiner is invited to call applicant's attorney Robert J. Brill, Reg. No. 36,760, and applicant's undersigned agent.

Respectfully submitted,



Joseph S. Hanasz  
Agent for Applicants  
Reg. No. 54,720

Dated: July 7, 2004

PATTI & BRILL, LLC  
Customer Number 32205

PATENT APPLICATION FEE DETERMINATION RECORD  
Effective October 1, 2003

Application or Docket Number

10610985

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

TOTAL CLAIMS		
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	22 minus 20 =	2
INDEPENDENT CLAIMS	3 minus 3 =	0
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

SMALL ENTITY  
TYPE ☐

OR OTHER THAN  
SMALL ENTITY

RATE	FEE		RATE	FEE
BASIC FEE	285.00	OR	BASIC FEE	770.00
XS 9=		OR	XS18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL		OR	TOTAL	

If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

SMALL ENTITY OR

OTHER THAN  
SMALL ENTITY

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
XS 9=		OR	XS18=	162
X43=		OR	X86=	86
+145=		OR	+290=	
TOTAL ADDIT FEE		OR	TOTAL ADDIT FEE	248

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	31	Minus	22	= 9
Independent	4	Minus	3	= 1
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total		Minus	**	=
Independent		Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
XS 9=		OR	XS18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL ADDIT FEE		OR	TOTAL ADDIT FEE	

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total		Minus	**	=
Independent		Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
XS 9=		OR	XS18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL ADDIT FEE		OR	TOTAL ADDIT FEE	

- \* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
  - \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
  - \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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